



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of: John ROSENFELD et al.

Serial No.: 10/805,142 Examiner: Unassigned

Filed: 19 March 2004 Group Art Unit: 3753

For: CAPILLARY ASSISTED LOOP THERMOSIPHON APPARATUS

CERTIFICATE UNDER 37 CFR 1.8(a)  
I, SAMUEL W. APICELLI, REGISTRATION NO. 36,427, HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450.  
ON September 7, 2004

SAMUEL W. APICELLI  
Samuel W. Apicelli

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find enclosed for filing:

- ☒ Information Disclosure Statement, PTO-1449 and references.
- ☒ Should any fees be incurred please debit Deposit Account No. 04-1679. This Transmittal Letter is submitted in duplicate.
- ☒ Return Postcard

Respectfully submitted,

Date: 9/7/04

Samuel W. Apicelli  
Samuel W. Apicelli  
Registration No. 36,427  
Customer No. 41396  
DUANE MORRIS LLP  
305 North Front Street, P.O. Box 1003  
Harrisburg, PA 17108-1003  
(717) 237-5516

Docket No.: H1799-00204



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SAMUEL W. APICELLI

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the Duty of Disclosure set forth in 37 CFR 1.56, the materials listed on the enclosed form PTO-1449 are hereby brought to the attention of the Examiner. A copy of each is enclosed.

This Information Disclosure Statement is prior to the mailing date of the first Office Action on the merits received by Applicants.

The claimed invention is patentable over the enclosed references. No representations are made regarding the references other than those set forth above.

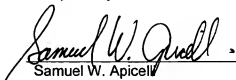
Serial No. 10/805,142

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Respectfully submitted,


Date:

9/7/04

A handwritten signature in cursive script, appearing to read "Samuel W. Apicelli", is written over a horizontal line.

Samuel W. Apicelli  
Registration No. 36,427  
Customer No. 41396  
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Docket No. H1799-00204

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket No. H1799-00204		Serial No. 10/805,142	
			Applicant: John ROSENFELD et al.			
			Filing Date: 19 March 2004		Group Art Unit 3753	
U.S. PATENT DOCUMENT						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,382,309	May 2002	Kroliczek et al.			
	6,657,121	December 2003	Garner			
	6,675,872	January 2004	Lewis et al.			
	6,675,874	January 2004	Mast et al.			
	6,675,887	January 2004	Garner et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)						
	Conroy, C., Mahorter, R., Savchik, J., Hoang, T., O'Connell, T., and Rosenfeld, J., Multiple Flat Plate Evaporator Loop Heat Pipe Demonstration, American Institute of Aeronautics and Astronautics, date unknown					
	Rosenfeld, J., Development of A Gravity-Assist Water Loop Heat Pipe With Flat Evaporator for Waste Heat Removal, date unknown					
	Cullimore, B., Capillary Pumped Loop Application Guide, 23 <sup>rd</sup> International Conference on Environmental Systems, Colorado Springs, CO, 1993					
	Ku, J., Overview of Capillary Pumped Loop Technology, 1993 ASME National Heat Transfer Conference, Atlanta, GA, 1993					
	Hoang, T. and Ku, J., Hydrodynamic Aspects of Capillary Pumped Loop, 26 <sup>th</sup> International Conference on Environmental Systems, Monterey, CA, 1996					
	Toth, J., DeHoff, R., Grubb, K., Heat Pipes: The Silent Way to Manage Desktop Thermal Problems, 1998 I-THERM Conference, Seattle, WA, 1998					
	Kaya, T. and Hoang, T., Mathematical Modeling of Loop Heat Pipes and Experimental Validation, Journal of Thermophysics and Heat Transfer, Volume 13, Number 3, July-September 1999					
	Ku, J., Operational Characteristics of Loop Heat Pipes, 29 <sup>th</sup> International Conference on Environmental Systems, Denver, CO, 1999					
EXAMINER /Tho Duong/				DATE CONSIDERED 09/24/2010		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket No. H1799-00204	Serial No. 10/805,142
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

	Hoang, T., O'Connell, T., Conroy, C., Mahorter, R., Savchik, J., and Rosenfeld, J., Development of a Gravity-Assist Water Loop Heat Pipe With Flat Evaporator for Waste Heat Removal, 2003 ASME National Conference, Las Vegas, NV, 2003
	Maydanik, Y., Pastukhov, V., Chernyshova, M. Delil, A., Development and Test Results of a Multi-Evaporator-Condenser Loop Heat Pipe, Space Technology and Applications International Forum, 2003 STAIF
	Ottenstein, Butler, D., Ku, J., Cheung, K., Baldauff, R., and Hoang, T., Flight Testing of the Capillary Pumped Loop 3 Experiment, Space Technology and Applications International Forum, 2003 STAIF
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